

**FRANKLIN**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

|  | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |                                       | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <b><u>Bladder, Urinary</u></b>                       |            |            |            | <b><u>Melanoma of Skin</u></b>        |            |            |            |
| Male   | 10.59      | 8          | 76         | Male                                  | 7.63       | 11         | 144        |
| Female   | 4.03       | 4          | NC*        | Female                                | 6.33       | 10         | 158        |
| Total  | 14.62      | 12         | 82         | Total                                 | 13.96      | 21         | 150        |
| <b><u>Brain and Other Central Nervous System</u></b> |            |            |            | <b><u>Multiple Myeloma</u></b>        |            |            |            |
| Male   | 4.55       | 3          | NC*        | Male                                  | 2.05       | 3          | NC*        |
| Female   | 3.82       | 5          | 131        | Female                                | 1.92       | 1          | NC*        |
| Total  | 8.36       | 8          | 96         | Total                                 | 3.97       | 4          | NC*        |
| <b><u>Breast</u></b>                                 |            |            |            | <b><u>Non-Hodgkin's Lymphoma</u></b>  |            |            |            |
| Male   | 0.72       | 2          | NC*        | Male                                  | 10.16      | 9          | 89         |
| Female   | 75.89      | 65         | 86         | Female                                | 8.24       | 18         | 218 ~+     |
| Total  | 76.61      | 67         | 87         | Total                                 | 18.41      | 27         | 147        |
| <b><u>Cervix Uteri</u></b>                           |            |            |            | <b><u>Oral Cavity and Pharynx</u></b> |            |            |            |
| Female   | 5.63       | 3          | NC*        | Male                                  | 8.34       | 3          | NC*        |
|  |            |            |            | Female                                | 3.77       | 3          | NC*        |
|  |            |            |            | Total                                 | 12.11      | 6          | 50         |
| <b><u>Colon / Rectum</u></b>                         |            |            |            | <b><u>Ovary</u></b>                   |            |            |            |
| Male   | 27.15      | 26         | 96         | Female                                | 9.43       | 10         | 106        |
| Female   | 25.70      | 27         | 105        |                                       |            |            |            |
| Total  | 52.85      | 53         | 100        |                                       |            |            |            |
| <b><u>Esophagus</u></b>                              |            |            |            | <b><u>Pancreas</u></b>                |            |            |            |
| Male   | 4.23       | 4          | NC*        | Male                                  | 4.33       | 3          | NC*        |
| Female   | 1.30       | 1          | NC*        | Female                                | 4.28       | 2          | NC*        |
| Total  | 5.53       | 5          | 90         | Total                                 | 8.60       | 5          | 58         |
| <b><u>Hodgkin's Disease</u></b>                      |            |            |            | <b><u>Prostate</u></b>                |            |            |            |
| Male   | 2.57       | 1          | NC*        | Male                                  | 67.30      | 79         | 117        |
| Female   | 1.96       | 5          | 256        |                                       |            |            |            |
| Total  | 4.52       | 6          | 133        |                                       |            |            |            |
| <b><u>Kidney and Renal Pelvis</u></b>                |            |            |            | <b><u>Stomach</u></b>                 |            |            |            |
| Male   | 7.10       | 5          | 70         | Male                                  | 4.75       | 1          | NC*        |
| Female   | 4.13       | 3          | NC*        | Female                                | 2.79       | 5          | 179        |
| Total  | 11.24      | 8          | 71         | Total                                 | 7.54       | 6          | 80         |
| <b><u>Larynx</u></b>                                 |            |            |            | <b><u>Testis</u></b>                  |            |            |            |
| Male   | 4.32       | 5          | 116        | Male                                  | 3.87       | 3          | NC*        |

|   |       |    |     |   |        |     |     |
|---|-------|----|-----|---|--------|-----|-----|
| Female  | 1.20  | 2  | NC* |   |        |     |     |
| Total   | 5.52  | 7  | 127 |   |        |     |     |
| <b><u>Leukemia</u></b>                          |       |    |     | <b><u>Thyroid</u></b>                       |        |     |     |
| Male  | 5.50  | 5  | 91  | Male  | 1.81   | 1   | NC* |
| Female  | 4.23  | 3  | NC* | Female                                      | 4.75   | 3   | NC* |
| Total   | 9.73  | 8  | 82  | Total                                       | 6.55   | 4   | NC* |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |       |    |     | <b><u>Uteri, Corpus and Uterus, NOS</u></b> |        |     |     |
| Male  | 2.41  | 0  | NC* |   |        |     |     |
| Female  | 0.92  | 2  | NC* | Female                                      | 14.25  | 14  | 98  |
| Total   | 3.32  | 2  | NC* |   |        |     |     |
| <b><u>Lung and Bronchus</u></b>                 |       |    |     | <b><u>All Sites / Types</u></b>             |        |     |     |
| Male  | 36.38 | 40 | 110 | Male  | 232.48 | 231 | 99  |
| Female  | 27.67 | 28 | 101 | Female                                      | 228.30 | 222 | 97  |
| Total   | 64.05 | 68 | 106 | Total                                       | 460.78 | 453 | 98  |

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels